

WHAT IS CLAIMED IS:

1. An image forming device in and from which a predetermined replaceable product can be freely installed and removed, and which carries out image forming processing by using an installed replaceable product, the image forming device comprising:

a reading section for, at a time of installing a predetermined replaceable product, reading identification information which is held on the replaceable product and which is for identifying that replaceable product from other replaceable products;

a storing section for storing identification information held on replaceable products which were installed in the past; and

a control section for judging whether or not the replaceable product is a legitimate product by judging whether or not the identification information read by the reading section is not stored in the storing section, and for storing the identification information in the storing section if the identification information is not stored in the storing section.

2. The image forming device of claim 1, wherein the identification information is recorded on the replaceable product as a two-dimensional bar code.

3. The image forming device of claim 1, wherein a recording element,

at least from which written information can be read, is attached to the replaceable product, and the identification information is written in advance to the recording element.

4. The image forming device of claim 1, wherein the identification information is held in an encrypted state on the replaceable product, and the reading section reads the identification information by decrypting the information read from the replaceable product.

5. The image forming device of claim 1, wherein the image forming device is connected via a communication line to a managing device which stores identification information held on replaceable products which have been installed in the past in plural image forming devices, and if the read identification information is not stored in the storing section, the control section judges whether or not the replaceable product is a legitimate product by confirming whether or not the read identification information is not stored in the managing device.

6. The image forming device of claim 1, wherein, when the control section judges that the replaceable product is not a legitimate product, the control section one of issues a warning and carries out processing for preventing use of the replaceable product.

7. The image forming device of claim 1, wherein, when the control section judges that the replaceable product is not a legitimate product, the control section confirms with a user whether or not the replaceable product is to be used, and if the user instructs use of the replaceable product, the control section stores, in the storing section, information expressing that the user instructed use of the replaceable product.

8. The image forming device of claim 1, wherein the replaceable product is a cartridge in which is filled a replenishing liquid for replenishing a processing liquid stored in the image forming device, and replenishing condition information, which expresses conditions for replenishing the replenishing liquid filled in the cartridge to the processing liquid, is also held on the cartridge, and the control section controls replenishment of the replenishing liquid to the processing liquid on the basis of the replenishing condition information read from the cartridge by the reading section.

9. The image forming device of claim 1, wherein voice information, which expresses a voice explaining in a predetermined language work procedures for one of installing and replacing the replaceable product, also is recorded at the replaceable product, and the image forming device further comprises a playback section for playing-back, as a voice, the voice information read by the

reading section.

10. An image forming device in and from which a predetermined replaceable product can be freely installed and removed, and which carries out image forming processing by using an installed replaceable product, the image forming device comprising:

a reading section for, at a time of installing a predetermined replaceable product, reading identification information which is held on the replaceable product and which is for identifying that replaceable product from other replaceable products;

a storing section for storing identification information held on replaceable products which were installed in the past; and

a control section for judging that the replaceable product is a legitimate product in a case in which the reading section cannot read the identification information, and for judging whether or not the replaceable product is a legitimate product by judging whether or not the identification information read by the reading section is not stored in the storing section, and for storing the identification information in the storing section if the identification information is not stored in the storing section.

11. The image forming device of claim 10, wherein, when the control

section judges that the replaceable product is not a legitimate product, the control section one of issues a warning and carries out processing for preventing use of the replaceable product.

12. The image forming device of claim 10, wherein, when the control section judges that the replaceable product is not a legitimate product, the control section confirms with a user whether or not the replaceable product is to be used, and if the user instructs use of the replaceable product, the control section stores, in the storing section, information expressing that the user instructed use of the replaceable product.

13. An image forming device in and from which a predetermined replaceable product can be freely installed and removed, and which carries out image forming processing by using an installed replaceable product, the image forming device comprising:

    a reading section for, at a time of installing a predetermined replaceable product, reading identification information which is held on the replaceable product and which is for identifying that replaceable product from other replaceable products;

    a storing section for storing identification information held on replaceable products which were installed in the past; and

    a control section for judging whether or not the replaceable

product is a legitimate product by judging whether or not the identification information, which indicates that a type of the replaceable product is the same as that of the predetermined replaceable product and identifies that replaceable product from other replaceable products, read by the reading section is not stored in the storing section, and for storing the identification information in the storing section if the identification information is not stored in the storing section.